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**Box PATENT APPLICATION**  
**Commissioner for Patents and Trademarks**  
**Washington, DC 20231**

New U.S. Patent Application

Title: METHODS, APPARATUS, AND ARTICLES OF MANUFACTURE  
FOR MANAGING NUTRIENT TRADING

Inventor(s): Paul FAETH

Sir:

We enclose the following papers for filing in the United States Patent and Trademark Office in connection with the above patent application.

1. Application- 55 pages, including 21 independent claim(s) and 93 claims total.
2. Drawings- 27 sheets of drawings (Figures 1-23).
3. The filing fee is calculated as follows:

Basic Application Filing Fee					\$740	\$ 740.00
	Number of Claims		Basic	Extra Claims		
Total Claims	93	-	20	73	x \$18	1,314.00
Independent Claims	21	-	3	18	x \$84	1,512.00
<input type="checkbox"/> Presentation of Multiple Dep. Claim(s)					+\$280	0.00
Subtotal						\$ 3,566.00
Reduction by 1/2 if small entity						- 0.00
TOTAL APPLICATION FILING FEE						\$ 3,566.00

\$740 filing fee; and  
\$2826 additional claims fee.

Please address all correspondence with respect to this application to:

Finnegan, Henderson, Farabow,  
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1300 I Street, N.W.  
Washington, D.C. 20005-3315

This application is being filed under the provisions of 37 C.F.R. § 1.53(f).  
Applicant(s) await notification from the Patent and Trademark Office of the time set for  
filing the Declaration.

The Commissioner is hereby authorized to charge any additional fees due and any other fees under 37 C.F.R. § 1.16 or § 1.17 during the pendency of this application to our Deposit Account No. 06-0916.

FINNEGAN, HENDERSON, FARABOW,  
GARRETT & DUNNER, L.L.P.

By:

Joseph E. Palys  
Reg. No. 46,508

JEP/BSL/mlm  
Enclosures